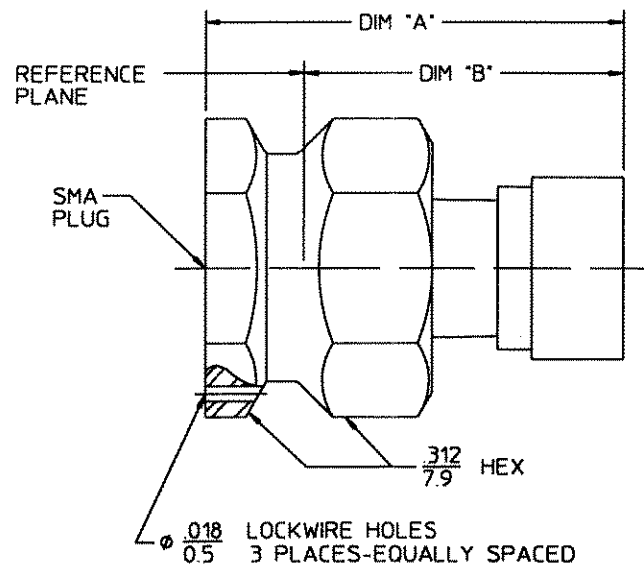




CABLE ENTRY DIAMETER		REVISIONS			
MINIMUM	REV	DESCRIPTION	DATE	APPROVED	
HOUSING	143	030 REVISED	1-13-99	PATLAN	

NOTES:

1. DESIGNED FOR USE WITH .141 DIA. (RG 402/U) SEMI-RIGID CABLE.
2. PICTORIAL VIEW IS AFTER CRIMPING.
3. MIN. STRAIGHT CABLE LENGTH .389
4. IT IS SUGGESTED TO BEND CABLE PRIOR TO CRIMPING.

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348	Temperature Rating -65° to +105°C
Frequency Range (GHz) DC to 18	Fig. 310.3	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX)	Recommended Mating	Shock MIL-STD-202, Method 213, Condition I
Sea Level 500	Torque 7-10 in-lbs	Thermal Shock MIL-STD-202, Method 102, Condition C
VSWR 1.035+0.005(1GHz)	Cable Retention	Moisture Resistance MIL-STD-202, Method 106
Insertion Loss (dB MAX) .03x√(fGHz)	Axial Force (lbs) 60	Corrosion - MIL-STD-202, Method 101, Condition B
RF Leakage (dB MIN) (Interface Only, Fully Mated) -(100-(fGHz))	Torque (in/oz) 55	
Corona, 70,000 Ft (VRMS MIN) 375		
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1500		
Contact Resistance (Milliohms MAX)		
Center Contact 2.0		
Outer Contact 2.0		
Cable to Housing 0.5		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 1000		
I.R.(Megohms MIN) 5000		

AFTER CRIMPING	.406 / 10.3 MAX	.281 / 7.1 REF.
BEFORE CRIMPING	.502 / 12.8 REF.	.385 / 9.8 REF.
OPERATION	DIM "A"	DIM "B"

HOUSING COUPLING NUT BUSHING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER OO-P-35
GASKET	SILICONE RUBBER PER ZZ-R-765, CLASS 2B	N/A
COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY RG DATE 9-21-84	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
FRAC. DEC. ANGLES 1/64 .005 ° °	CHECKED BY RG DATE 9-21-84	
These drawings and specifications are the property of MVA COH Interconnect Div. and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.	APPRO BY RG DATE 9-21-84	
USE ASSY PROCEDURE	NO. A.P. 20-581	TITLE "SMA" STRAIGHT CABLE PLUG SOLDERLESS COMPRESSION CRIMP ATTACHMENT M39012/92-3201
	SIZE B	CODE IDENT NO. 26805
	SCALE 7:1	2001-8201-92
		REV 030
		SHEET 1 OF 1

CUSTOMER

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SHEET 1 OF 1
REV 0